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Dr Yang Ju is a chair professor of geomechanics in mining & geotechnical engineering, China University of Mining Technology, Beijing, China. He serves as the deputy director of the State Key Laboratory of Coal Resources and Safe Mining, Chinese Ministry of Science and Technology (MOST). His research interest includes 3D reconstruction of discontinuous structures of rocks and coals, 3D visualization of the structures, stress fields and fluid flow behaviors of discontinuous rock media, numerical simulation and experimental investigations of hydraulic fracturing and permeable properties of rocks, fracture and damage mechanics of rocklike materials. He got his PhDs of civil engineering and applied mechanics from the Harbin Institute of Technology (HIT), China, and the University of Calgary, Canada, respectively. He has published more than 90 peer-reviewed journal papers in the related fields. He was granted the Natural Science Foundation for Distinguished Young Scholars of China in 2011, and was entitled the Cheung Kong Professorship by Chinese Ministry of Education (MOE) in 2013.